The DX Bulletin

• *America's Oldest Weekly Amateur Radio Publication* •

Issue 354 - Sept 19, 1986

DXpedition News

Oblast ØØ3 Look for UZ9OWB/RD from the very rare UD-K Oblast Sept. 21-30. QSL via UA9OJ. Operator is Harry UL8FWT.

Clipperton - FOØX Late word on the French Clipperton trip gives the callsign as **FOØXA** and the dates as Sept. 26-28. QSL via Jacky Calvo F6GXB, 5-10-5 Shimomeguro, Meguro-Ku, Tokyo 153 Japan. Please call **only if you need Clipperton.**

Jersey - GJ Six German DXers will operate /GJØ Sept. 27-Oct. 3, both CW and SSB. QSL home calls. (DXNL)

Marion Island - ZS2MI Very weak signals and a list operation meant ZS2MI was hard to work during the recent short operation. Some DXers have worried that the operators' restricted VHF licenses (ZR calls) will invalidate QSOs, but ZS6USA reports that ZR licensees have full HF privileges from Marion Island. QSL this ZS2MI operation via ZS1SL or SARL bureau.

Pirates, Slim, Etc.

• **P5AGJ** on Sept. 11 failed to work anyone, although he did create a huge pileup.

• **JTØDJT** was also bogus. JTØ calls are no longer valid.

• **TY9ER** was okay on SSB in the early '80s, but the recent 40-meter CW operation was no good. Thanks DK1RV.

• **BY6LC** continues to appear on 40 CW at 1100Z. However, no DXer has received real QSL info or a card, and other BY ops deny knowledge of the station. Sometimes the YL op adds /YL to the call, while working JAs only. The OM op gives his name as Feng.

Nepal - 9N1

Krishna Khatry 9N1MC has been very active. Contrary to several reports, he is **not** Minister of Communications, but he does work at the ministry, which is also his QSL address in Kathmandu. He goes by the name "Chris." Good to hear another 9N1. And don't forget 9N1NFO next month (see I352.)

Shortly Noted

• **Pitcairn - VR6** VR6ID ragchews on 2Ø CW. Tom VR6TC is temporarily off-island.

• **Mali- TZ** TZ6WC favors 14245 kHz after 2200Z on weekends. QSL via DL4BC.

• **Ascension - ZD8** ZD8SW continues to show on 14209 around 2125Z.

• **Mauritania - 5T5** 5T5SL likes 14227 at 1500Z (and see Bandpass.) QSL via DL8DF.

• **Chagos - VQ9** No excuse if you haven't worked this one. Dale VQ9QM favors 14026 and VQ9GB likes 14006, both around 1500Z. 'GB also shows on 7005 at 12-1300Z.

• **Franz Josef Land** If you haven't caught UV1OO yet, you may be in trouble, as his operation ends soon. Watch 2Ø (both SSB and CW) at 1200 and 1600Z.

• DXNS says that **ZD9BV** will operate from Gough Island (AF-3Ø) starting Oct. 6.

• **Korea** The special "86" calls to celebrate the Asian Games (warmup for the '88 Olympics) have been showing up (see Bandpass.) Watch for special event stations HL86A and 6K86AG.

• **GB2TV** will celebrate 5Ø years of television Sept. 2Ø-21.

• GB6RC in Scotland is on until Oct. 4.

Bandpass Highlights

• **OX/W7AWA** made lots of 2Ø meter QSOs, and at least a handful of low band contacts. Antenna problems plagued the operation.

• **Svalbard - JW** SP5EXA/JW left Sept. 4, but has suggested that his next stop is **Bouvet - 3Y** later this year.

• **Luxembourg - LX** LX/DL6BBT made lots of 2Ø CW QSOs early in Sept. QSL home call.

1987 International DX Convention

Mark April 3-5 for the Visalia DX convention, next year under the auspices of the Northern California DX Club, and co-chairs K6ANP and WW6F (ex-N6BLN). Call the hotel at 209-651-5000 for room reservations. (Yes, the hotel is now called the Grosvenor, but it's the same place.)

— Chod Harris VP2ML Editor

Copyright *The DX Bulletin*. *The DX Bulletin* (ISSN 0279-8077) is published fifty times per year. Subscription rates available upon request. *The DX Bulletin* is published at 816 Fourth Street, Suite 1001, Santa Rosa, CA 95404 (707) 523-1001. Second-class postage paid at Santa Rosa, CA. POSTMASTER: Send address changes to *The DX Bulletin*, 816 Fourth Street, Suite 1001, Santa Rosa, CA 95404.

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				54 Days Before			
September		Date	Flux	A	K	Date	Flux	A	K
19	Below Nor	8/23	68	25/39	4	7/27	69	20/26	2
20	High Nor	8/24	68	14/30	3	7/28	70	11/18	3
21	High Nor	8/25	69	19/31	2	7/29	72	18/24	4
22	Low Nor	8/26	69	13/33	3	7/30	71	18/22	3
23	Low Nor	8/27	68	15/25	3	7/31	71	13/20	2
24	High Nor	8/28	68	07/18	2	8/1	71	10/12	2
25	High Nor	8/29	68	33/34	2	8/2	70	08/09	1
26	Below Nor	8/30	68	15/37	1	8/3	71	15/29	2
27	Below Nor	8/31	68	18/27	0	8/4	70	25/31	3
28	Low Nor	9/1	69	09/14	1	8/5	70	10/17	2

Thanks N4XX and KH6BZF.

(Forecasts based on 54 day data.)

Propagation Watch

Another solar storm clobbered HF on Sept. 11. Absorption totally wiped out the bands, forcing DXers to recheck power and antenna connections. DX reports on the local repeater dried up completely, while 2-meter enthusiasts used a good auroral opening to work more grid squares. TDXB's Crystal Ball propagation predictors missed this one, which seems to be associated with a tiny spot that came and went in a single day, 27 days before. Maybe the relatively good conditions on Sept. 10 should have warned us that bad news was coming. Watch for this one again Oct. 8!

On the good news front, a new spot appeared on Sept. 6 at high latitude and with reverse polarity: an early warning of Cycle 22! And finally, the Fall Equinox arrives Sept. 23 around 0800Z. Look for 20 meters during daylight hours, with 40 and 80 picking up at night. And don't forget 160, which is coming back fast!

QSL INFO

QSL Help Wanted

- KA1KPH continues to search for a valid address for **I5YZB**, who is QSL manager for TZØRD.
- KQ1F is looking for logs of XW8CE. Apparent QSL manager WA1FCF is no longer in the Callbook.
- **XW8BG** was via WA4ZTW, who is not in the '86 CB. Anyone have any more information?

And in a somewhat unique situation, K8PYD reports that he **has** misdirected cards for **KH6TO, ZF2HP, ZF2FZ,** and **J88BK.** Can anyone provide addresses so that he can forward these cards to the proper recipients?

QSL Help Offered

- **ZD7ZM** is via EA8YS. Tnx DK1RV.
- **MP4BJP** is via KD4SR. **MP4BIA** was David Lindstrom.
- **CR9Z** was Macau Slim. **ZD7ZM** apparently never QSLed. Thanks QSL expert SM5DQC.
- **GD5DZP** was operated by W7NG. QSL via KD6BP.
- **ZL8OY** is via ZL4OY, Chris Hannagan, 4 York Ave., Herataunga, Wellington NZ. Cards send to a previous address may not have reached Chris. Try again.
- **6Y5IC** is now QSLing direct: Wentworth Ave., 12 Hampshire House, Kingston 10 Jamaica.

QSL Routes for ZS6USA, TU2NW, TU73, 5T5NW, etc.

Tom Gregory ZS6USA reports that his QSL route is via Box 368, Stockbridge GA 30281, with an SASE or donation. (This address is good for **all** of Tom's African operations, including those in 1986-88 [Issue 353].) Bureau cards can be sent via N4NW. (Cards from stateside stations arriving via bureau will be discarded. Stateside cards without postage or donation will not be answered. If you want his card, send an SASE or postage money.)

Issue 354

CALENDAR

Sept 19, 1986

(Changes in **boldface** for easy spotting)

Aland - OHØ	OHØAC Sept. 19-29 I349
Ascension - ZD8	ZD8SW 1421Ø at 21ØØZ I353
Chagos - VQ9	VQ9QM **14Ø26 at 15ØØZ**
	VQ9GB **14ØØ6 at 15ØØZ**
	and 7ØØ5 at 12-13ØØZ
Chatham - ZD7	ZD7BKM 142ØØ 2ØØØZ I353
Clipperton-FOØ	**FOØXA Sept. 26-28 I353**
Christmas - VK9X	VK9XI Sept 23-Oct 2Ø I352
E. Carolines KC6	by KX6DS Nov 23-3Ø I353
Easter Is. - CEØ	CEØFFD and CEØDFL now on
Galapagos - HC8	HC8KA Oct. 4-11 I349
Guantanamo KG	KG4XO 14Ø28, 142Ø5 23ØØ+
Hong Kong - VS6	VS6DT 7ØØ2 at 13ØØZ
Iraq - YI	YI1BGD 1419Ø 193ØZ I351
Ivory Coast -TU	TU2JJ 14Ø9Ø 19ØØZ+ I351
	TU4BU now on 2Ø I353
Jersey - GJ	**by DLs Sept 27-Oct 4 I354**
Kampuchea - XU	XU1SS 1418Ø 12ØØZ I351
Kenya - 5Z	KC7UU Sept. 14-25 I351
Kermadec - ZL8	For 1 year from Oct. I352
Korea - HL	**Watch for "86" callsigns**
Luxembourg - LX	by PAs Oct 9-13 I348
Macquarie -VKØ	VKØSJ Ø3ØØ Sun at 14285
	16Ø Tues. 2ØØØZ I352
	3796 at 11-13ØØZ
Maldives - 8Q7	8Q7CH for two years I352
Mali - TZ	**TZ6WC 14245 after 22ØØZ**
Marshall - KX6	KX6DS at 7ØØ6 after Ø93ØZ
Mauritania 5T5	**5T5SL 14227 at 15ØØZ**
Minami Tori. JD	7J1ACH 14Ø3Ø, 2ØØ 12ØØZ
Mongolia - JT	JT1BG 16ØØZ F/S 2ØM I348
Nepal - 9N	9N1MM 142Ø8 Ø1ØØ Weds
	9N1NFO Oct 9-Nov 9 I352
	Also 9N1MC. See I354
Nigeria - 5N	YU3KI/5NØ 14Ø1Ø-15 21ØØZ+
Oblast ØØ3	UZ9OWB/RD Sept. 21-3Ø
Pitcairn - VR6	**VR6ID on 2Ø cw I354**
Sri Lanka - 4S7	GM3YOR/4S7 Oct 14-28
Svalbard - JW	JW5E at 14Ø1Ø 2ØØØZ
Tanzania - 5H	KC7UU Sept. 26-29 I351
Tristan - ZD9	**ZD9BV Oct. 6 I354**
Tuvalu - T2	OH1RY Oct. 22-28 I351
Uganda - 5X	KC7UU Oct. 1-6 I351
Vienna - 4U1VIC	14Ø25-3Ø 113Ø-12ØØZ
Wake Is. - KH9	KH9AC 143Ø9 Ø33ØZ
	also on 4Ø. See I352
	386Ø+ at 1Ø-14ØØZ
Zaire - 9Q5	9Q5NW from Nov. I353
Zone 23	RVØYF 14Ø16 ØØ3ØZ

Contests

Cam-Am Sept. 2Ø-21
Scandinavian CW Sept. 2Ø-21
California QSO Party Sept. 27-28
Scandinavian SSB Sept. 27-28
VK/ZL/Oceania SSB Oct. 4-5
IRSA World Championship Oct. 4-5
VK/ZL/Oceania CW Oct. 11-12
CQWW SSB Oct. 25-26

This issue of The DX Bulletin is brought to you through the kindness of the following **valued contributors:** W4VQ, W1CYB, W6TFO, KH6BZF, N4XX, W6GO, AB8K, KE7X, K4BAI, NCDXC, KD7SO, DXNS, N4NO, N4NW, WØBA, WA6PJR, W1NHJ, W1AW, W1AX, WA1WTP, KA1KPH, PY1BVY, K1MEM, WK6E, WW6D, W8AH, DXNL, W4BPD, NW6P, F6AJA, W9DH, W4BAA, KT1N, K8PYD, WB6ZUC, W8UVZ, SM5DQC. Many thanks!

BANDPASS

160 MTRS	.....	....	..	..
4X4NJ	1832	0314	3	PY
DL8AN	1834	0440	1	MA
FG5AM	1832	0100	30	MI
KH9AC	1827	1100	6	MI
KP2J	1833	0937	6	MT
LU8DPM	1831	0030	3	PY
LU8DPM	1834	0010	5	MA
OK2BGU	1831	0339	3	PY
OX/W7AWA	1831	0805	6	MA
OX/W7AWA	1831	0800	6	MI
PY1RO	1831	0808	7	MA
SP5INQ	1831	0337	3	PY
UA0LWX	1831	1250	8	MT
UR2FAL	1832	0308	3	PY
VK3QI	1832	1100	4	MI
VK3QI	1831	0806	4	WV
VK5KL	1833	1240	5	MT
VK5KL	1832	1315	4	MT
VK6HD *	1832	2230	3	MA
VK9NS	1834	1054	5	WV
VK9NS	1835	1130	6	MI
VK9NS	1835	1105	3	MI
80 MTRS	.....	....	..	..
4Z4UW	3505	0338	5	WV
5NO/ YU3KI	3503	2315	8	MA
7J1ACH	3504	0811	7	CA
FK25CR	3790	1130	6	MI
FO8FO	3505	0823	7	CA
HP1XSO	3794	0145	8	NH
HP3FL	3795	1036	12	CA
J87CD	3789	0232	3	NH
JH7BDS	3508	0933	6	MT
KG4XO	3795	0027	3	NH
LU5HJD	3507	1021	11	CA
SM6CPY	3796	0004	9	NH
VK2DET	3507	1311	4	MT
VK9NS	3797	1120	6	MI
VK9NS	3798	1115	6	MI
VP8LP	3791	0247	5	NH
YB0JH	3795	1330	7	CA
YN3CC	3510	0213	5	GA
ZL4QY	3538	0931	6	MT
40 MTRS	.....	....	..	..
3B8CF	7008	0305	4	MA
3D6AK	7015	0517	3	PY
7J1ACH	7002	1311	7	CA
7J1ACH	7004	1132	9	OR
8Q7CH	7001	1352	25	CA
9M2OK	7001	1326	26	CA
9Y4AT	7004	0020	4	FL
AH2F	7014	1147	5	AL
BV6IA	7006	1417	6	OR
CE2BIF	7005	0021	4	FL
CM3JA	7016	0018	8	FL
CO8AF	7017	0556	3	PY
CP1XC	7006	1120	5	AL
CP6IB	7005	0232	8	OR
DU7/NOJN	7010	1136	10	OR
DU7/NOJN	7010	1136	8	AL
DW2/ KB6MVY	7006	1501	11	CA
EA8BBY	7011	0023	4	FL
EL2CJ	7001	2200	9	MA
GW3YDX	7004	0557	7	CA
HC4WA	7006	1157	3	GA
HC5AI	7004	1141	2	GA
HG19HB	7008	0410	10	OR
HK0BKX	7003	1203	5	AL
HK1FCG	7006	1105	3	OH
HL86S	7004	0910	10	CA
JR1SFI	7006	1130	2	MI
KH2/ JM1WII	7009	1317	10	OR
KP2J	7012	0003	4	FL
LA9HC	7001	0527	10	OR
LX/ DL6BBT	7009	0010	4	FL
OA2ZP	7012	1130	5	AL
OY9K	7002	2359	3	FL
PZ2AC	7003	0405	11	OR
RL8PYL	7012	0046	7	FL
RL8PYL	7006	1401	7	CA
SP8YA	7006	0400	11	OR
SP8YA	7006	0343	10	CA
SV1DO	7005	0426	10	CA
TG9YV	7029	2328	7	GA
TI4BGA	7002	1108	10	CA
UF6VB	7005	2356	3	FL
UK3B	7015	0332	10	CA
UT4UI	7013	0315	8	OR
VE0MAB	7009	0308	8	OR
VK6RZ	7007	1105	3	OH
VK6XA	7011	1251	5	MT
VQ9GB	7005	0201	6	FL
VS6DO	7004	1125	8	OR
VS6DO	7002	1137	9	OR
VS6DT	7001	1334	10	OR
VU2TEC	7003	1320	10	OR
YB0AV	7005	1205	5	AL
YB0AV	7005	1242	8	CA
YV7QP	7003	0145	14	CA
30 MTRS	.....	....	..	..
8P6RY	10101	0110	5	MI
GM3HBT	10102	2136	7	NH
OZ1KKR	10101	1901	8	NH
SM4CQQ	10101	1850	8	NH
VK3YD *	10102	2148	7	NH
20 MTRS	.....	....	..	..
3B8FP	14013	1520	9	OR
3G3E	14206	2348	12	CA
4N0ARG	14215	1915	7	MO
4N0ARG	14021	1214	4	GA
4N0IARU	14033	1226	5	GA
4S7VK	14197	0150	4	WI
4U/ (YK) VE2PAB	14162	2300	4	WI
4U1VIC	14029	2351	6	FL
4U1VIC	14030	1142	4	GA
4U1VIC	14014	2012	6	MT
4U1VIC	14227	1643	6	NH
5B4FN	14021	2024	9	CA
5B4NC	14227	1645	6	NH
5B4UN	14173	1900	8	CA
5NO/ YU3KI	14024	2159	6	GA
5NOELT	14019	2046	24	MA
5T5SL	14028	1715	3	MA
7J1ACH	14227	0020	8	CA
7X2VMK	14182	2015	9	MA
8Q7CH	14025	1535	3	MA
9H1FBS	14025	1200	3	GA
9H1GD	14265	2135	1	OH
9M2FX	14028	1253	3	WV
9N1MC	14194	1425	9	MA
AZ1ARU15	14026	2350	5	FL
BV2B	14041	1311	3	WV
BV2DA	14005	1230	3	MA
BY1QH	14162	1340	7	MA
BY5RA	14027	0005	13	CA
C30AAN	14027	2305	10	CA
C30AAN	14196	2111	10	CA
C30BBA	14011	1532	9	CA
C31LLB	14019	1507	11	CA
CE0FFD	14025	0240	3	MT
CE0FFD	14025	0358	4	WI
CN8CC	14227	2100	10	CA
CN8EA	14160	2341	3	MT
CN8EA	14160	2240	7	MT
CQ9/ CT1BOH	14025	2045	8	MA
CU2QN	14010	2300	4	AL
CU3AA	14021	2201	1	FL
DU2/KK7K	14004	1215	4	MA
EA6/G6ZY	14026	2142	10	CA
EA6BH	14227	1916	7	MO
EA8ABR	14004	2155	1	FL
EA9SM	14027	1154	4	GA
FK025AT	14008	0330	2	CA
FK025AV	14024	0318	6	OH
GD0BCJ	14005	2118	7	FL
GJ2LU	14205	1310	8	MO
GJ4WRR	14058	1145	4	GA
HB0/ DL1GK	14006	1611	7	FL
HB0/ DL1GK	14002	1545	9	CA
HB0CZS	14033	2129	1	AL
HB0CZS	14007	2000	4	MA
HB0CZS	14039	2225	2	FL
HK0BKX	14007	1425	1	MA
HL86CEI	14026	1444	5	WV
HL86CEJ	14031	1321	5	WV
HL86CG	14031	1242	3	AL
HL86CG	14175	1253	7	MA
HL86CG	14022	1336	5	WV
HL86EJ	14032	1334	5	WV
HL86EU	14006	1250	5	MA
HL9CW	14003	1230	1	MA
J88AQ	14277	0038	4	GA
JS6BLS	14008	1240	1	MA
JT1KAA	14197	0158	4	WI
JW1CCA	14005	1548	11	CA
JW1CCA	14005	2255	4	AL
JW5E	14010	1943	8	CA
JW5E	14214	1414	7	MT
JW5E	14027	1620	6	MA
JY5DN	14172	2231	7	MT
KG4XO	14029	0110	4	MT
OA4ZV	14023	0134	2	GA
OD5RH	14238	2242	4	WI
OX/DF4PV	14006	1419	1	MA
OX3LK	14004	2358	3	MA
OX3LX	14027	1843	8	CA
OY2J	14029	1132	5	WV
OY9JD	14202	1735	3	MA
PA6VHS	14020	1450	1	MA
PJ9AR	14005	2352	3	FL
R3VF	14012	1613	7	FL
RA0JD	14023	1314	5	WV
RD6DJ	14022	0249	8	OR
RL7GC	14043	0224	5	GA
RL8PYL	14005	1225	7	OH
RM8MD	14027	1305	5	WV
SV0AC/9	14235	2043	5	MA
SV0DK	14160	2240	7	MT
SV1DO/9	14025	2008	1	AL
T30AT	14032	1856	3	WV
T77C	14020	2030	8	CA
TA1A	14024	1940	10	OR
TA1A	14023	1510	6	MA
TA1A	14015	2102	1	AL
TA4A	14025	2105	4	MA
TF/KH6QU	14177	0018	8	CA
TF1PS	14152	0205	8	MO
TF1TF	14200	2239	8	NH
TF3SA	14003	2227	4	FL
TK/ HBPASZ	14016	2232	4	FL
TK5EL	14028	1158	3	GA
TR8RC	14023	1710	3	MA
TZ6MG	14182	0030	4	MA
TZ6MG	14185	2005	4	MA
UA0BCO AS-55	14033	0130	11	OR
UA0BEO	14012	2344	3	MA
UA0FF	14187	0035	10	OR
UA2FX	14014	0001	7	FL
UA2FX	14032	1144	7	GA
UA2FX	14034	2044	7	AL
UA9ZAA Oblast 100	14012	0040	9	OR
UC2CAS	14039	0158	2	GA
UD6DJ	14029	1934	4	WV
UH9EWA	14045	1334	7	FL
UI8OWS	14024	0123	9	OR
UI9AWX	14018	1224	7	AL
UI9AWX	14051	1255	7	GA
UJ8XDE	14026	0212	7	CA
UK9KAT	14020	1911	8	CA
UL7JAC	14006	0154	11	OR
UM9QWC	14035	1138	7	GA
UM9QWC	14008	1329	7	AL
UO5ODA	14012	2344	7	FL
UO5OJ	14177	1952	7	MO
UO5OKL	14036	2205	1	FL
UR2RR	14024	2319	6	GA
UZ1ZZZ	14026	1245	1	CA
V2AO	14237	0053	12	CA
VK9NS	14220	0430	7	OH
VQ9MR	14002	1500	5	CA
VQ9QM	14006	1502	9	CA
VR6ID	14029	0430	8	CA
VS6EA	14180	1245	7	MA
VU2HI	14194	0105	4	WI
XU1SS	14034	1233	5	WV
Y86WCS	14181	2200	1	OH
Y86WCS	14027	1258	1	MA
Y86WCS	14029	1153	2	GA
YB0DPZ	14209	1252	1	OH
YB0DUA	14019	1255	1	MA
YB0DUA	14024	1213	3	AL
YB1DVW	14012	1255	5	MA
YN8RC	14034	1234	1	GA
YN8RC	14025	1225	2	AL
YZ7AA	14187	2011	7	MO
ZF1LA	14024	0024	8	FL
ZL7AA	14206	0345	8	OR
ZP5LOY	14202	2346	2	MT
15 MTRS	.....	....	..	..
9Y4VT	21278	1952	6	MO
AZ1ARI	21290	1930	6	MO
CE5FSB	21265	1845	7	MO
CP8XA	21031	2139	1	AL
G4ZLL	21257	2146	5	NH
HK3DDD	21034	2139	3	FL
HP1XWA	21410	2045	6	MO
J73D	21029	2142	1	AL
J88AQ	21305	2000	6	MO
OZ1KLH	21291	2148	5	NH
PY1CNL	21285	1940	6	MO
TI4/ KA4AIS	21345	2006	6	MO
ZP5CDB	21215	2030	6	MO
ZS4PB	21300	1632	6	NH
12 MTRS	.....	....	..	..
TI4/ KA4EIN	24966	2223	1	AL

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

The DX Bulletin
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- **105dB Dynamic Range**
- **All Modes Built-In USB, LSB, AM, FM, CW, RTTY**
- **12 Volt Operation**

The new IC-751A top-of-the-line HF base station transceiver is designed for the ham operator who demands high performance. Whether contesting or QSO'ing for pleasure, the 100 watt IC-751A incorporates the best features of the IC-751, plus brings you to the forefront with the following most-asked for additions.

More CW Control. For the CW enthusiast, the new IC-751A includes an electronic keyer unit, QSK rated at up to 40WPM, standard FL-32A 9MHz/ 500Hz CW filter and CW sidetone to monitor your code in RX or TX modes... great for practice!

All Amateur Band Coverage. Plus general coverage reception from 100kHz to 30MHz. May be easily modified for MARS operation.

Improved Smooth Tuning. The IC-751A features a newly designed tuning knob for velvet smooth tuning.

Added LED Annunciator. For easily identifying if you're using the tuning speed, dial, or band switching functions.

32 Memories. Mode and frequency may be stored in any of 32 memories...all the memory capability that you'll ever need.

More Stable. Even in the receive mode, the IC-751A has a sophisticated thermal sensor to monitor the internal temperature. The sensor automatically activates the cooling fan which gives maximum stability ...critical for contesting.

ICOM
First in Communications

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All stated specifications are approximate and subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions. 751A686